

6555311

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PCT/AU97/00520

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APPROVED	1.0. FIG. 10y
BY	CLERK
DRAFTSMAN	SUBCLASS 5

669050" 02190660

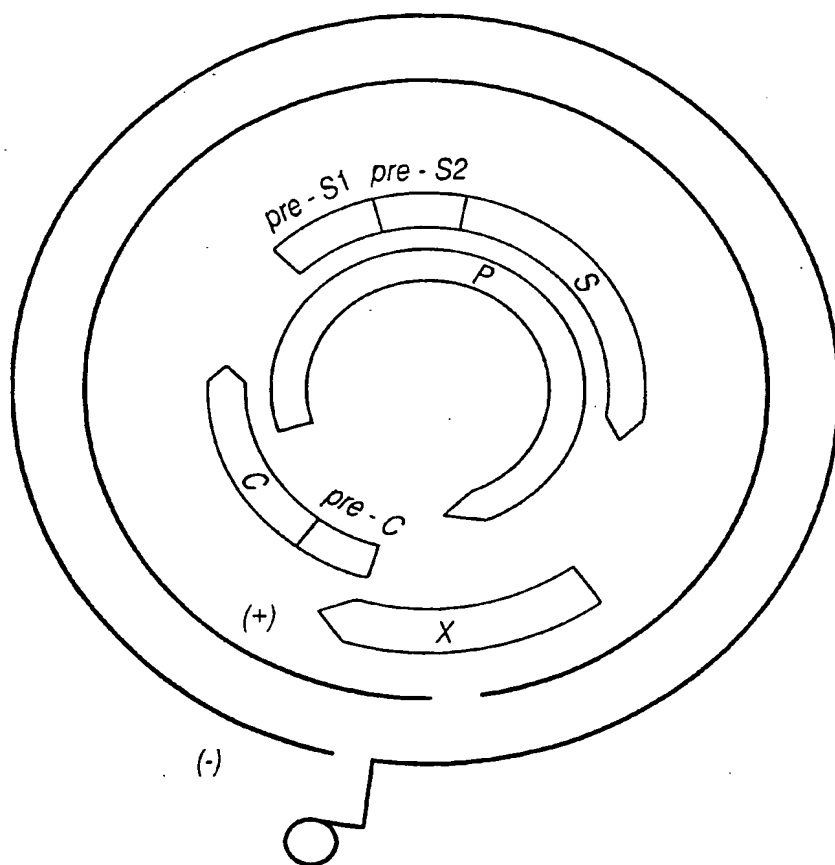


Fig. 1

SUBSTITUTE SHEET (RULE 26)

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APPROV.	10.F.FIG.
BY	CLASS
DRAFTSMAN	SUBCLASS

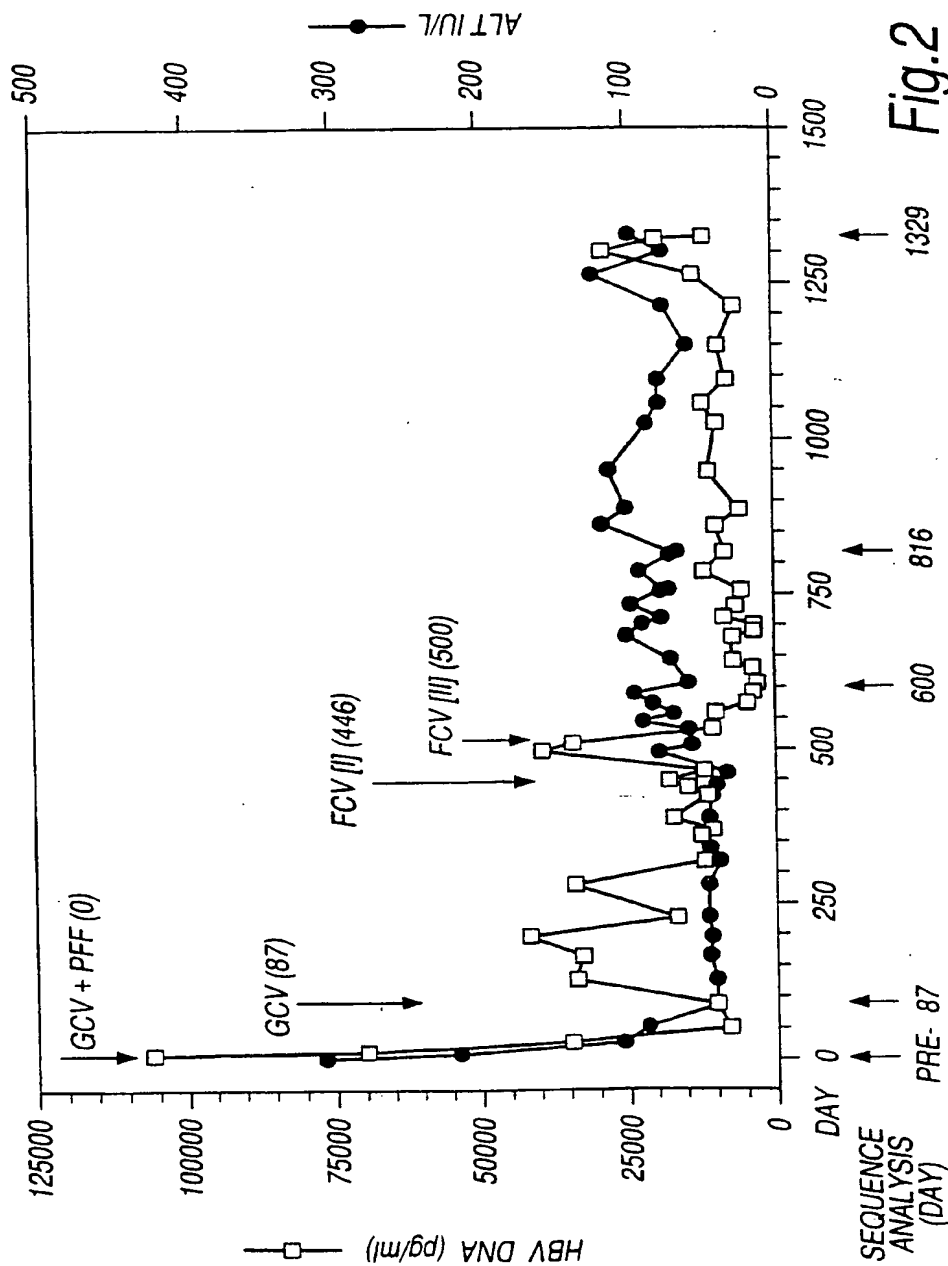


Fig.2

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669050" Oct 98 0600

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APPROVED	00.FIG.	
BY	CLASS	SUBCLASS
DRAFTSMAN		

669990" 02H90E60

DOMAIN A
(421) (437)
 HBV (Pre-treatment) SDLSWLSLDVSAAFYH
 HBV (Post-treatment) SDLSWLSLDVSAAFYH
 WHV TDLQWLSLDVSAAFYH
 HIV KKKSVTVLDVGDAYFS

DOMAIN B
(498) (505) (519) (526) (529)
 HBV (Pre-treatment) QTFGRKLHLYSHPIILGFRKIPMGVGLSPFLLAQFTSAICS
 HBV (Post-treatment) QTFGRKLHLYSHPIILGFRKIPMGVGLSPFLMAQFTSAICS
 WHV KTYGRKLHLLAHPFIMGFRKLFMGVGLSPFLLAQFTSALAS
 HIV -----RYQYNVLPQGWKGSPAIQSSMTKILE
 HSV TTIGREMLL-ATREYVHAR-----WAAFEQLLADF--PEAA

DOMAIN C
(546) (556)
 HBV (Pre-treatment) AFSYMDDVVVLG
 HBV (Post-treatment) AFSYMDDVVVLG
 WHV VFAYMDDDLVLG
 HIV IYQYMDDLYVG

Fig.3

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APPROVED	0.C. FIG.
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DRAFTSMAN	SUBCLASS

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665050" 02490000

DOMAIN A

421 430 440 450
 S^N_DLSWLSLD VSAAFYH^I_PPL HPAAMP^I_{LL}V GSSGL^S_DRYVA

460 470 480 490
 RLSS^T_NS^R_NI^{*}_N N^Y_HQ^Y_R***D^N_LH N^Y_CSR^N_QLYVS L^L_MLLY^K_TY^R_FG^W

DOMAIN B

500 510 520 530
 KLHL^Y_LA^S_HPI^I_V LGFRK^I_LPMG^V_G GLSPFL^L_{LA}QF TSAI^C_LS^A_MT^R_C

DOMAIN C

540 550 560
 AF^F_PHC^L_VA^S_FY MDD^V_LMVLGA^K_RT G^E_HL^S_RE^S_FT^A_S

DOMAIN D

570 580 590 600
 V^T_IC^S_VLL^S_DVG^I_LHLNP^N_QKTKRW GYSLNFMGY^V_II^G

Fig.4

SUBSTITUTE SHEET (RULE 26)

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APPROVED	O.C. FIG.	
D:	CLASS	SUBCLASS
DRAFTSMAN		

663050" 02490600

DOMAIN B

(509) (512) (519) (526) (533)

^S_AHPIT¹_VLGFRK¹_LPMG^V_CGLSPFLLAQFTSAICS

HBV (consensus)

HBV (patient A) QTFGRK_LHL_LYSH_PPI_L GFRKIPMG_LGL_SLFL_LMAQ_LFTSAICS
 HBV (patient B) QTFGRK_LHL_LYSH_PPI_L GFRKIPMG_VGL_SPFL_LMAQ_LFTSAICS
 HBV (3TC 1) QTFGRK_LHL_LYSH_PPI_L GLRKIPMG_VGL_SPFL_LMAQ_LFTSAICS
 HBV (patient C-FCV) QTFGRK_LHL_LYSH_PPI_VL GFRKIPMG_VGL_SPFL_LMAQ_LFTSAICS

DOMAIN C

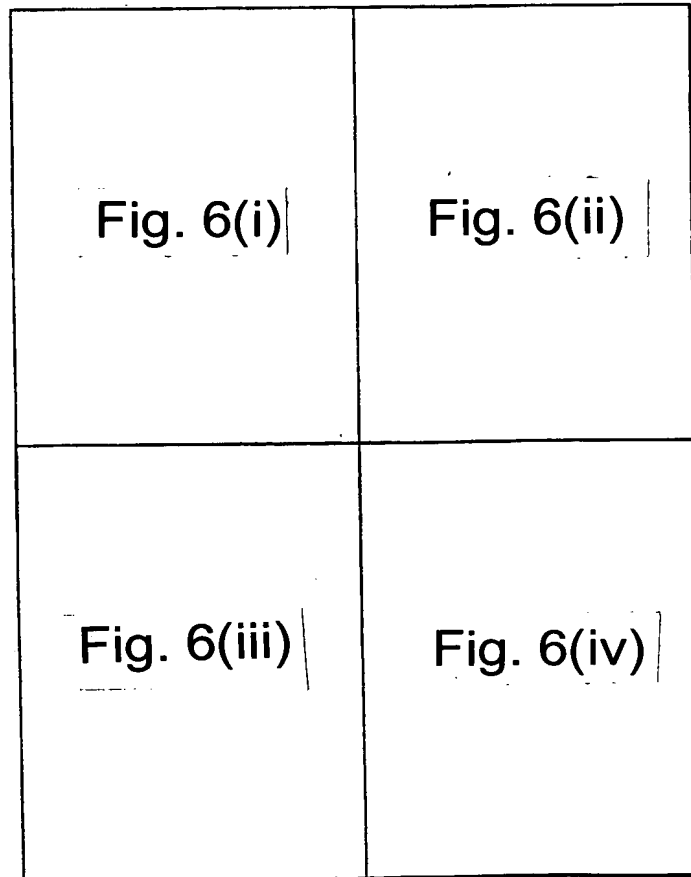
550 (559)

HBV (CONSENSUS) ^A_VF^S_AYMDD^V_{LM}VLGA^K_RT^S
 HBV (patient A) AFSYMDD V VLG
 HBV (patient B) AFSYMDD V VLG
 HBV (3TC 1) AFSY^V_IDD V VLG
 HBV (patient C-FCV) AFSYMDD V VLG
 HBV (patient C 3TC) AFSYMDD V VLGA^K_T

Fig.5

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APPROVED	O.C. FIG.
BY	CLASS
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*Fig.6*

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APPROVED	FIG.	CLASS	SUBCLASS
BY			
DRAFTSMAN			

pol
HBsAG

	*	*	*	*	*	*
TCTTCCAATT	TGTCCTGGTT	ATCGCTGGAT				
S S N	L S W L	S L D				
L P I	C P G	Y R W M				

	*	*	*	*	*	*
CATCCTGCTG	CTATGCCTCA	TCTTCTTATT				
H P A	A M P H	L L I				
I L L	L C L I	F L L				

	*	*	*	*	*	*
CGTTTGTCTT	CTAATTCCAG	GATCAACAAC				
R L S	S N S R	I N N				
V C P	L I P	G S T T				

	*	*	*	*	*	*
AGGCAACTCT	ACGTTTCCCT	CATGTTGCTG				
R Q L	Y V S L	M L L				
G N S	T F P	S C C C				

	*	*	*	*	*	*
TATTCCCATC	CCATCGTCCT	GGGCTTTCGC				
Y S H	P I V L	G F R				
I P I	P S S	W A F A				

Fig.6 (i)

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APPROVED	O.G. FIG.	
	BY	SUBCLASS
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669050" 06H90E60

* * * * *

GTGTCTGCGG CGTTTTATCA TATTCCTCTT

V S A A F Y H I P L>

C L R R F I I F L F>

* * * * *

GGTTCTTCTG GATTATCAAG GTATGTTGCC

G S S G L S R Y V A>

V L L D Y Q G M L P>

* * * * *

AACATGCAAA ACCTGCACGA CTCCTGCTCA

N M Q N L H D S C S>

T C K T C T T P A Q>

* * * * *

TACAAAACCT ACGGAGAGAA ATTGCACCTG

Y K T Y G E K L H L>

T K P T E R N C T C>

* * * * *

AAAATACCTA TGCGAGTGGG CCTCAGTCCG

K I P M G V G L S P>

K Y L W E W A S V R>

Fig.6 (ii)

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APPROVED	O.C. FIG.
BY	CLASS
DRAFTSMAN	SUBCLASS

669090" 02H90E60

* * * * *

TTTCTCTTGG CTCAGTTTAC TAGTGCCATT

F L L A Q F T S A I

F S W L S L L V P F

* * * * *

TGTTTGGCTT TCAGCTATAT GGATGATGTG

C L A F S Y M D D V

V W L S A I W M M W

* * * * *

GAGGCCCTTT ATACCGCTGT TACCAATTTT

E A L Y T A V T N F

R P F I P L L P I F

* * * * *

AACAAAACAA AAAGATGGGG TTATTCCCTA

N K T K R W G Y S L

T K Q K D G V I P *

* *

GGAACATTGC

G T L X>

E H C>

Fig.6 (iii)

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APPROVED	FIG.	SUBCLASS
BY	CLASS	
DRAFTSMAN		

* * * * *

TGTTTCAGTGG TTCGTAGGGC TTTCCCCCAC

C S V V R R A F P H>

V Q W F V G L S P T>

* * * * *

GTATTGGGGG CCAAGTCTGT ACAGCATCGT

V L G A K S V Q H R>

Y W G P S L Y S I V>

* * * * *

CTTTTGTCTC TGGGTATACA TTAAACCCT

L L S L G I H L N P>

F C L W V Y I * T L>

* * * * *

AACTTCATGG GTTACATAAT TGGAAGTTGG

N F M G Y I I G S W>

T S W V T * L E V G>

Fig.6 (iv)

009050" 02490260